

PATENT COOPERATION TREATY

From Japanese Patent Office
(INTERNATIONAL SEARCH AUTHORITY)

To: HAYASE, Kenichi HAYASE & CO. 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0003 JAPAN	<p style="text-align: center;">PCT</p> <p style="text-align: center;">WRITTEN OPINION OF THE ISA (PCT Rule 43bis)</p> <hr/> <p>Date of Mailing 19 April 2005</p>
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Applicant's or agent's file reference P37226-P0	See item 2 below for the subsequent procedure	
International application No. PCT/JP2005/003167	International filing date 25 February 2005	Priority date 27 February 2004
International Patent Classification (IPC) or national classification and IPC Int. Cl ⁷ G03B21/00		
Applicant Matsushita Electric Industrial Co., Ltd.		

1. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 43.2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

OMISSION(2 and 3)

Date of completion of this opinion 31 March 2005

Name and mailing address of the ISA/JP Japanese Patent Office	Authorized officer Telephone No.
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I. Basis of the opinion

1. This opinion has been drawn on the basis of the language of international application, unless otherwise indicated below.

OMISSION(2, 3, and 4)

TRANSLATION of related part of Form PCT/ISA/237

WRITTEN OPINION OF THE ISA

International application No.
PCT/JP2005/003167

V Reasoned statement under Rule 43,2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

10/590715

1. STATEMENT

Novelty (N)	Claims 4, 6, 7, 10-15	YES
	Claims 1-3, 5, 8, 9	NO
Inventive Step(IS)	Claims 10, 14	YES
	Claims 1-9, 11-13, 15	NO
Industrial Applicability (IA)	Claims 1-15	YES
	Claims NONE	NO

2. CITATIONS AND EXPLANATIONS

Claims 1-3

Cited Document 1 (JP 2002-328428 A (Sony Corp.)) which is cited in the International Search Report describes a video projector that forms a video image by laser beams scanning on a projection area (refer to [0023], [0024]), which includes a camera shake compensation unit that performs camera shake compensation according to an amount of camera shake (refer to [0008], [0039], etc.).

As to three-color short-wavelength laser sources, also refer to Cited Document 2 (JP 2002-124724 A (Sony Corp.)) that is cited in the International Search Report.

Claims 4, 15

Cited Document 3 (JP 6-265952 A (Toshiba Corp.)) and Cited Document 4 (JP 2001-311974 A (Fuji Photo Film Co., Ltd.)), which are cited in the International Search Report suggest that partial light among infrared lased beams, which has not been subjected to wavelength conversion, is released to an external space (refer to [0004] in Cited Document 3, [0069] in Cited Document 4).

Claims 5, 8, 9

The video projector that is described in Cited Document 1 includes a photo acceptance unit which detects reflected light of laser beams. ([0030]-[0038])

Claims 6, 7, 12, 13

Autofocusing and trapezoidal compensation of projected video are well-known techniques in the field of video projectors (refer to also [0004] in Cited Document 5 (JP 2004-4284 A (Canon Inc.)) which is cited in the International Search Report.

Claim 11

Cited Document 6 (JP 2002-171428 A (Fuji Photo Film Co., Ltd.)) which is cited in the International Search Report describes a video projector including a camera device (30) that captures external light through a projecting optical system, and there is no particular difficulty in adopting a well-known short-wavelength laser source as the light source (refer to Cited Documents 1, 2, etc.)

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of V

Claims 10, 14

Any of Cited Documents which are cited in the International Search Report does not describe or suggest that a prism having a polarization is located on the optical axis of the projecting optical system.